WHAT IS CLAIMED IS:

1. A decomposition treatment liquid for a cured unsaturated polyester resin, comprising a phosphoric acid-type compound or salt thereof and an organic solvent.

2. A decomposition treatment liquid for the cured unsaturated polyester resin, comprising a salt of phosphoric acid-type compound and an organic solvent.

3. The decomposition treatment liquid for the cured unsaturated polyester resin according to claim 2, wherein the salt of phosphoric acid-type compound has an alkali metal ion.

4. The decomposition treatment liquid for the cured unsaturated polyester resin according to claim 2, wherein the salt of phosphoric acid-type compound includes a potassium phosphate.

5. The decomposition treatment liquid for the cured unsaturated polyester resin according to claim 2, wherein the salt of phosphoric acid-type compound includes a potassium phosphate hydrate.

6. The decomposition treatment liquid for the cured unsaturated polyester resin according to claim 2, wherein the organic solvent includes an alcohol-based solvent.

7. The decomposition treatment liquid for the cured

unsaturated polyester resin according to claim 2, wherein the organic solvent has a boiling point of 170°C or higher.

8. The decomposition treatment liquid for the cured unsaturated polyester resin according to claim 2, wherein the organic solvent includes an alcohol-based solvent having a boiling point of 170°C or higher.

9. A method for treating a cured unsaturated polyester resin, comprising a step of decomposing or dissolving the cured unsaturated polyester resin using the treatment liquid according to claim 2.

10. The method for treating the cured unsaturated polyester resin according to claim 9, wherein the resin is treated with a treatment liquid at 250°C or lower.

11. The method for treating the cured unsaturated polyester resin according to claim 9, wherein the resin is treated under atmospheric pressure.

12. A method for separating the composite material containing a filler and a cured unsaturated polyester resin, wherein the composite material is separated into the filler and a cured resin powder or a solution of decomposed product of the cured resin by treating the cured resin with a treatment liquid for decomposition or dissolution, the treatment liquid containing a phosphoric acid-type

compound or salt thereof and an organic solvent.

13. A method for separating the composite material containing a filler and a cured unsaturated polyester resin, wherein the composite material is separated into the filler and a cured resin powder or a solution of decomposed product of the cured resin by treating the cured resin with a treatment liquid for decomposition or dissolution, the treatment liquid containing a salt of phosphoric acid-type compound and an organic solvent.

14. The method for separating the composite material according to claim 13, wherein the salt of phosphoric acid-type compound has an alkali metal ion.

15. The method for separating the composite material according to claim 13, wherein the salt of phosphoric acid-type compound includes a potassium phosphate.

16. The method for separating the composite material according to claim 13, wherein the salt of phosphoric acid-type compound includes a potassium phosphate hydrate.

17. The method for separating the composite material according to claim 13, wherein the organic solvent includes an alcohol-based solvent.

18. The method for separating the composite material

according to claim 13, wherein the organic solvent has a boiling point of 170°C or higher.

19. The method for separating the composite material according to claim 13, wherein the organic solvent includes an alcohol having a boiling point of 170°C or higher.

20. The method for separating the composite material according to claim 13, wherein the temperature of the treatment liquid is 250°C or lower at the use of the treatment liquid.

21. The method for separating the composite material according to claim 13, wherein the treatment liquid is used under atmospheric pressure.